

Weekly Report

11/16/2015-11/22/2015

Research

This week, I add a minimap and some map's geographical range selector such as rectangle, polygon and circle. Though I have implement a range selector before, one of Leaflet's plugin(Leaflet.draw) provide a nice user-friendly interface. Leaflet.draw supports editing geometric figure(Fig.1). It is important to get the information of boundary from this plugin. I find all geometric figure stored in a variate named featureGroup. However, the index of array is always randomly and we can't get layer type either(Fig.2). After several attempts, we can get entire layer information and layerID through a system api within the function this layer is added into featureGroup.

任务	备注
地图overview	已完成
地图选择器：框选	已完成
地图选择器：套索	目前是用多边形选择，识别地图边缘的磁性套索还未实现
地图选择器：刷子	
时空数据库SQL与VAUD查询的关系	

Table 1: 任务计划

Plan for next week

- Search for spatial-temporal database

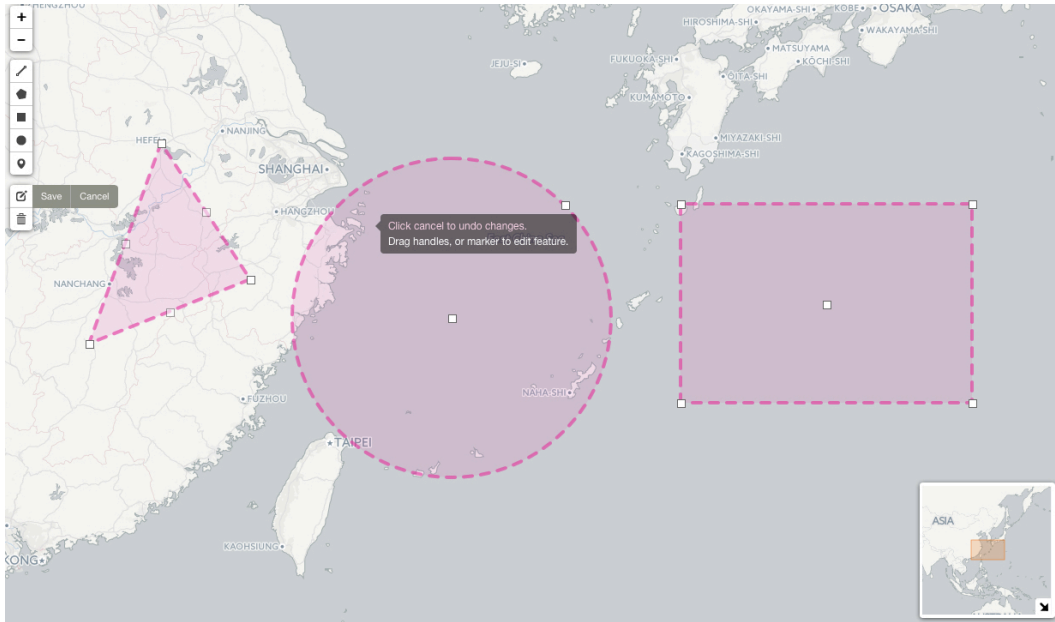


Figure 1: Range selector

```

> featureGroup
< ▶ e {_layers: Object, _initHooksCalled: true, _leaflet_id: 24, _map: e, _leaflet_events: Object, ...} = $1
> featureGroup._layers
< ▶ {119: e, 121: e, 127: e} = $2

```

Figure 2: index starts at 119